

Loudtalks Mesh

Your private push-to-talk network



At a glance

Loudtalks Mesh is an “always on” communication system, which enables instant push-to-talk conferencing within an enterprise. Designed to work over the internet the system allows direct connect between employers no matter where they are physically located.

Benefits

- Talk instantly with anyone in the team
- Connect from anywhere via Internet
- Re-play complete conversations later using Voice History
- See who is online and their status
- Reduce time-wasting conference calls
- Save on long-distance calls and travel
- Manage user accounts, groups and access rights from web-based admin console

What is Loudtalks Mesh?

Loudtalks Mesh is two-way radio system, based on voice over internet protocol (VoIP). It's a software, which runs on a PC or Windows Mobile device, and allows to talk to a group or individual anywhere in the world by pushing a button. The system is the enterprise version of Loudtalks – a consumer communication network available at www.loudtalks.com – and includes server software, which you can deploy at your organization. Retaining scalability, voice quality and ease of use of Loudtalks, Loudtalks Mesh additionally provides the following features:

- Private and secure network
- Support for Windows Mobile devices
- Two-way radio interoperability gateways support
- Web-based management console to configure:
 - Users and access rights
 - Groups and radio gateways
 - System servers
 - Licenses
- Easy updates deployment
- Optional custom branding

Unlike traditional intercom systems Loudtalks Mesh is not restricted by constraints of physical space and can be used from anywhere, where internet connection is available. It supports massive channels with as many as 100 participants as well as private communication one on one. You can connect from desktop, laptop or Windows Mobile-based communicator using WiFi or WWAN, as well as from portable or mobile two-way radios via Loudtalks-radio gateway.

How can I use Loudtalks Mesh?

Loudtalks Mesh brings the team together within a single button push. The applications include project collaboration, e-learning, fleet management, warehousing, emergency response, trader's hoot-and-holler and many more. Loudtalks Mesh is successfully used by organizations, which require fast and immediate communication within teams or departments, including:

- Information Technology
- Transport
- Logistics / Carriers
- Financial / Trading
- Manufacturing
- Public safety services
- Military



Key features

- Easy to setup and use
- High quality voice and zero configuration
- Up to 100 participants per channel, unlimited channels
- Built-in two way radio gateways support
- Voice messages history
- Presence with custom status and auto-away support
- Configurable hotkeys
- Configurable audio alerts
- Mobile workforce friendly
- Works over EDGE or 3G WAN
- Secure with strong encryption
- Simple administrative console
- Configurable access rights
- Centralized updates deployment
- Works behind NAT and Firewalls

Specifications

Maximum number of channels:	Unlimited
Max. participants per channel:	100 (default)
Network architecture:	Peer-to-peer with supernodes
Authentication security:	RSA 360 bits
Data encryption:	AES 256 bits (option)
Channel ready time (after pressing talk button):	< 0.1 sec
Transmittion latency (LAN):	< 0.5 sec

System requirements

Client

OS:	Windows 2000 / XP / Vista, Windows Mobile 2003 / 5.0 / 6.0
CPU:	400 MHz (minimal), 800 MHz (recommended)
RAM:	128 Mb (minimal), 512 Mb (recommended)
Other:	Sound card, microphone and speakers

Server

OS:	Windows Server 2003 / 2008 or Linux
Other:	Windows deployment requires a free VMWare Server

For more information call us at +1 408 844 4648 or try a hosted version of the product at www.loudtalks.net